

Converting Colors

$Y_{xy}(39.3132, 0.3236, 0.3107)$

Have a look what the booklet for
Yxy(39.3132, 0.3236, 0.3107)
contains.

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Color

Yxy(39.4144, 0.3230, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	BAA2B0
RGB	186, 162, 176
RGB Percent	73%, 64%, 69%
CMY	0.2707, 0.3646, 0.3098
CMYK	0.00, 0.13, 0.05, 0.27
HSL	325°, 15%, 68%
HSV	325°, 13%, 73%
XYZ	41.0011, 39.4144, 46.5230
YIQ	170.7720, 9.8100, 9.4420

Conversions

Conversions Part 2

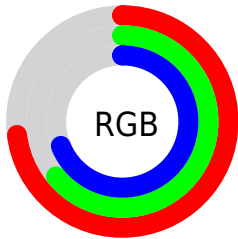
Format	Color
R _{YB}	186, 162, 176
Decimal	12231344
CIE _{Lab}	69.05, 11.20, -4.00
CIE _{LCh}	69, 11.891, 340.349
Yxy	39.4144, 0.3230, 0.3105
Android (android.graphics.Color)	4290421424 (0xFFBAA2B0)
YUV	170.7720, 2.5774, 13.3550
Hunter-Lab	62.7809, 6.7088, 0.0105

Details

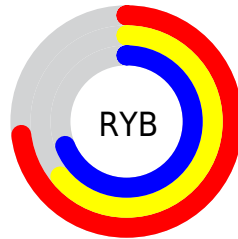
The Yxy color **39.4144, 0.3230, 0.3105** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.7657, 0.3036, 0.3482**, and the grayscale version is **40.5870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3291, 0.3206, 0.3136**, and **17.5936, 0.3259, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **33.0432, 0.3328, 0.2954**, and if you desaturate by 10%, it is **46.7754, 0.3148, 0.3250**.

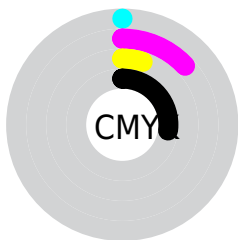
Distribution



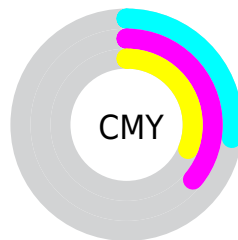
- Red (73%)
- Green (64%)
- Blue (69%)



- Red (73%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (27%)




- Cyan (27%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4144, 0.3230, 0.3105 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 39.4144, 0.3230, 0.3105 by changing the saturation by 10% instead.


 39.4144, 0.3230,
0.3105


 39.4144, 0.3230,
0.3105


343.6491, 0.3178,
0.3199

 27.0823, 0.3243,
0.3081

 74.2710, 0.3211,
0.3139

 17.6350, 0.3261,
0.3050

 97.5642, 0.3204,
0.3152

 10.6883, 0.3284,
0.3009


125.2798, 0.3198,
0.3163

 5.8576, 0.3317,
0.2950

157.8024, 0.3193,
0.3172

 2.7587, 0.3368,
0.2859

195.5162, 0.3188,
0.3180

 1.0071, 0.3456,
0.2704

238.8057, 0.3184,

 0.0000, 0.5123,

0.3187

0.0000


288.0552, 0.3181,
0.3193


 0.0000, 0.0000,
0.0000


 39.4144, 0.3230,
0.3105


 39.4144, 0.3230,
0.3105


 33.0432, 0.3328,
0.2954


 46.7754, 0.3148,
0.3250


 27.6141, 0.3443,
0.2801


 55.1611, 0.3080,
0.3386

 23.0829, 0.3577,
0.2650

 64.6111, 0.3023,
0.3513

 19.3999, 0.3730,
0.2511

 75.1611, 0.2976,
0.3630

 16.5107, 0.3901,
0.2394

 86.8454, 0.2937,
0.3738

■ 14.3544, 0.4086,
0.2309

■ 87.2519, 0.2896,
0.3649

■ 12.8610, 0.4279,
0.2269

■ 87.6773, 0.2856,
0.3561

■ 11.9468, 0.4472,
0.2280

■ 88.1221, 0.2816,
0.3475

■ 11.5310, 0.4607,
0.2312

■ 88.5864, 0.2777,
0.3390

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.4144, 0.3052, 0.3017



39.4144, 0.3230, 0.3105



39.4144, 0.3384, 0.3240

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.4144, 0.3230, 0.3105



39.4144, 0.3357, 0.3594



39.4144, 0.2798, 0.3173

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.4144, 0.3230, 0.3105



45.7657, 0.3036, 0.3482

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39.4144, 0.2875, 0.3334



39.4144, 0.3230, 0.3105



39.4144, 0.3195, 0.3583

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.4144, 0.3230, 0.3105



39.4144, 0.3458, 0.3521



39.4144, 0.3019, 0.3487



39.4144, 0.2806, 0.3051

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.4144, 0.3230, 0.3105



39.4144, 0.3450, 0.3341



39.4144, 0.3019, 0.3487



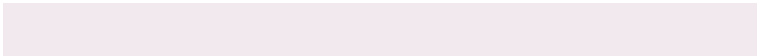
39.4144, 0.2815, 0.3225

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.4161, 0.3230, 0.3105



83.1365, 0.3157, 0.3233



38.1151, 0.3010, 0.2964



18.0748, 0.3163, 0.3222



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.4161, 0.3230, 0.3105



68.5755, 0.3252, 0.3070



38.9766, 0.3336, 0.3258



9.0978, 0.3199, 0.3157



7.7757, 0.4584, 0.2299



0.2861, 0.4140, 0.2054

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



39.4161, 0.3230, 0.3105



68.5755, 0.3252, 0.3070



46.2308, 0.2951, 0.3322



9.0978, 0.3199, 0.3157



7.7757, 0.4584, 0.2299



0.2861, 0.4140, 0.2054

Previews

White Background



This preview shows how the Yxy color 39.4144, 0.3230, 0.3105 looks on a white background.

Color Contrast Check

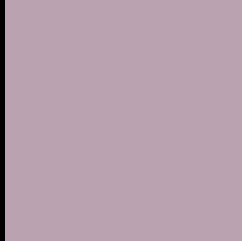
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 39.4144, 0.3230, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

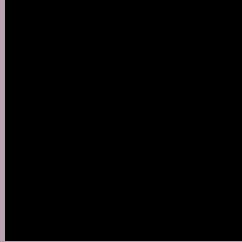
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.4144, 0.3230, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 39.4144, 0.3230, 0.3105.



This preview shows how white text looks on a background with the Yxy color 39.4144, 0.3230, 0.3105.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.4144, 0.3230, 0.3105

Protanopia

39.6950, 0.3044, 0.3139

Deuteranopia

39.6306, 0.3191, 0.3130



Tritanopia

39.3749, 0.3239, 0.3118

Trichromacy



Original Color

39.4144, 0.3230, 0.3105

Protanomaly

39.6007, 0.3107, 0.3127

Deuteranomaly

39.3963, 0.3201, 0.3117

Tritanomaly

39.3749, 0.3239, 0.3118

Monochromacy



Original Color

39.4144, 0.3230, 0.3105

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2525, 0.3158, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4144, 0.3230, 0.3105 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(186, 162, 176)` looks like.

```
.text, #text, p{  
    color:rgb(186, 162, 176)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(186, 162, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 162, 176) }
```

Border

The CSS property to change the border of an element to Yxy 39.4144, 0.3230, 0.3105 is called "border". The border property can be set on classes, ids or directly on the HTML element.

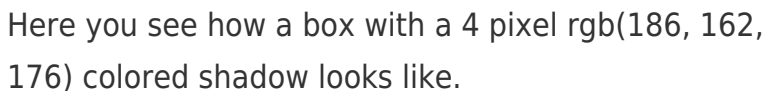
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 162, 176) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(186, 162, 176) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(186, 162, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 162, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 162, 176); box-shadow:4px 4px 4px 4px rgb(186, 162, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4144, 0.3230, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 162, 176) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(186,  
162, 176) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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